

Technical Branch
Inspectional Group
Water Series

WATER SERVICES INSPECTOR

03/96 (SAC)

Summary

Under general supervision, inspect installations of water services by contractors to insure compliance with departmental regulations and developer subdivision agreements.

Typical Duties

Conduct inspections of water service connections performed by contractors. Involves: driving to construction sites; taking measurements to mark site diagrams with location of lines and couplings; comparing specifications to site and noting changes, as necessary; determining whether location and cover of water services meet department requirements; inspecting construction materials for proper standards of quality; observing work-in-process to determine if acceptable standards have been met and to approve for backfilling; monitoring for and advising supervisor of illegal connections, broken meter covers, and similar problems requiring attention.

Confer with contractors. Involves: attending pre-construction meetings; informing property owners and contractors of unacceptable work and materials; interpreting and explaining departmental rules and regulations; advising on correct water services installation procedures; relating potential hazards of inadequate installations.

Perform related duties as required. Involves: performing designated duties of supervisor or coworkers, if necessary, to maintain continuity of operations during temporary absences; communicating with supervisor and others using radio; drawing or photographing particular details of services that may require special attention; testing water samples for residual chlorine content, as assigned; maintaining plot plans and daily logs of inspections and findings.

Minimum Qualifications

Training and Experience: Graduation from high school and two years experience in the installation, maintenance and repair of water lines, meters and related service equipment; or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Good knowledge of: water distribution systems; methods, materials and techniques used in the installation, maintenance and repair of water services; departmental rules, regulations and policies. Some knowledge of: simple drafting and diagraming techniques and map reading.

Ability to: identify various components of water distribution systems and their function; recognize deviations from acceptable water service installation techniques; read and interpret water distribution system and construction plans, specifications and related maps; accurately mark maps, take measurements and translate notes into diagrams; explain established procedures, policies, rules and regulations; establish and maintain effective working relationship with fellow employees, contractors, and the general public; prepare reports and maintain records and daily activity logs.

Physical Requirements: Required to continuously work at construction sites in all kinds of weather and frequently walk and occasionally bend, stoop, and squat.

Licenses and Certificates: Texas Class "C" Driver's License; Class "C" Water Certificate of Competency with Customer Service Inspector endorsement from Texas Natural Resource Conservation Commission.

Director of Personnel

Department Head